ABSTRACT

META LEVI KURNIA. Effectivity of Purwoceng (Pimpinella alpina) Ethanole Extract during 13-21 Days of Pregnant Rat (Rattus sp.) on Reproductive Organs and Pups Weight. Under direction of ARYANI S. SATYANINGTIJAS and PUDJI ACHMADI.

The study aims to observe the effect day of purwoceng (Pimpinella alpina) ethanole extract which given at 13-21 days age of pregnancy on ovarium, uterus, placenta, and pups weight. The rats were divided in to two groups. One of groups was rats that treated by purwoceng 25 mg/300 g body weight and the other groups control (no treatment). Purwoceng ethanole extract was given on the 13th until the 21st day of pregnancy. The rats was dissected on day 21 to take an ovarium, uterus, placenta, and pups, and to observe their weight. The result indicated that purwoceng ethanole extract tended to increase weight of ovarium, uterus, and pups but had no effect towards placenta.

Keywords: purwoceng, reproductive organ, pups